

TRANSFERABLE SKILLS WITHIN BIOCHEMISTRY COURSES IN THE NATURAL SCIENCES TRIPOS

Department	College
Intellectual skills	
Lectures Practicals Examinations Dissertations Discussions Projects Seminars Journal Clubs Academic Societies	Supervisions Set essays Problems Academic Societies
Problem solving skills	
Practicals and discussions Research projects (Part II and III) Experimental design sessions Journal Clubs	Supervision set work and sessions
Communication skills Oral, written and non-verbal (developing arguments using symbolic or mathematical language)	
Listening and note-taking in lectures Journal Clubs Representation on Committees Writing essays Team-work in practicals Discussions of practicals Oral presentation of projects and papers Project or dissertation write-ups (Part II and III) Applications for vacation grants Group work preparing discussions Oral presentations during Practical discussion session (Part IB)	Supervisions (oral and written) Discussion and debate with peers Extracurricular activities
Organisational skills	
Timetable management (balancing work and extra-curricular activities) Representation on Committees (leadership) Practical work (planning, teamwork, task management) Project or dissertation (planning, deadlines, teamwork) Examinations (planning, preparation) Arranging vacation work experience Planning discussion sessions	Timetable management (balancing work and extra-curricular activities)
Interpersonal skills	
Practical work (team-working, negotiation of roles, flexibility, adaptability) Journal clubs and other group activities Departmental Part II pantomime Preparing for careers- Careers talk to Part II and III	Interact with a wide range of people Community and support for others Positions of responsibility (clubs and other activities)

Research Skills	
design and execution of experiments, use of sources, data management and interpretation, critical analysis and thesis construction	
Practical work – specialist techniques Use of library and on-line resources to follow reading lists and supplement lectures Exercises / problem-based learning Journal clubs Project and dissertations	
Numeracy	
Data handling in practicals, projects and classes Statistics lectures in Part II	Supervisions
Computer literacy	
Moodle resources Online course materials Practical sessions Search scientific databases Search online library resources Use of search engines and web browsers Use of word-, imaging-. and data processing software UIS courses	Email Internet access UIS courses
Foreign language skills	
University language centre is available for extra-curricular use	Support for self-access teaching and University language centre courses